

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Seema Sud et al.

Art Unit: 4529

Serial No. 10/689,765

Examiner: HA, Dac V.

Filed: October 22, 2003

For: ADAPTIVE FILTERING IN THE PRESENCE OF MULTIPATH

**Filed Electronically**

U.S. Patent and Trademark Office  
Customer Service Window – Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

**RESPONSE TO QUAYLE ACTION**

Sir:

The following is intended to be fully responsive to the Office Action mailed July 8, 2007.